

FIG. 1

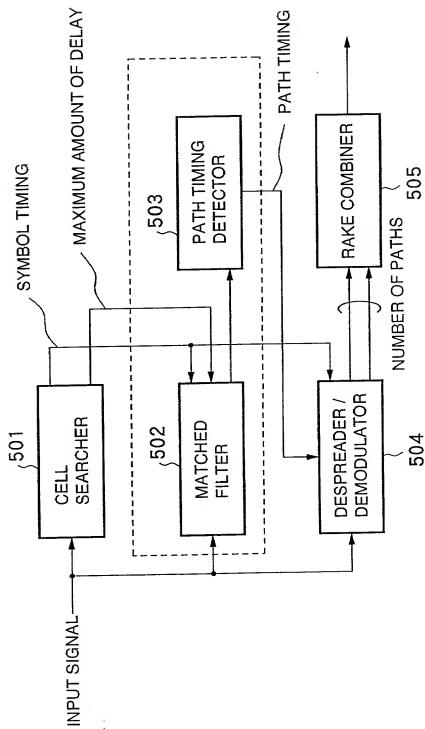


FIG. 2

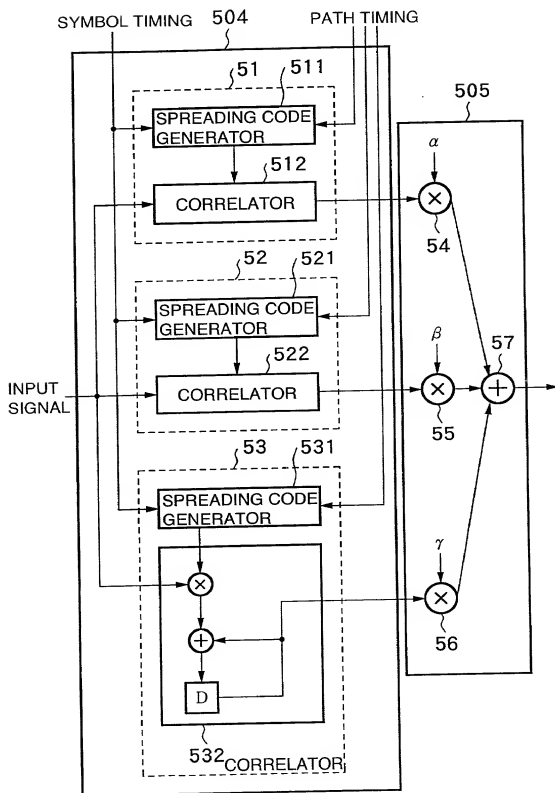


FIG. 3

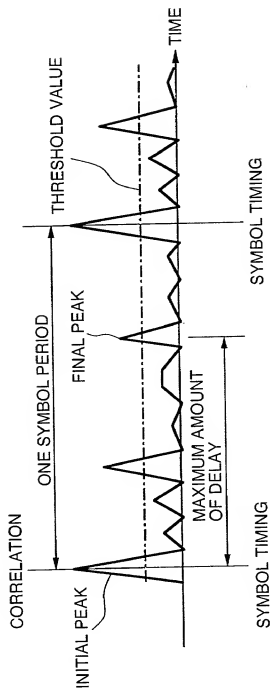


FIG. 4

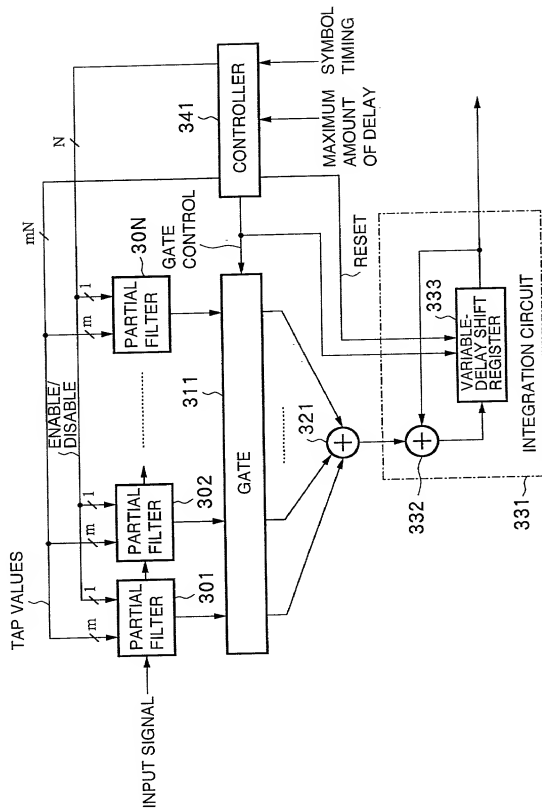


FIG. 5

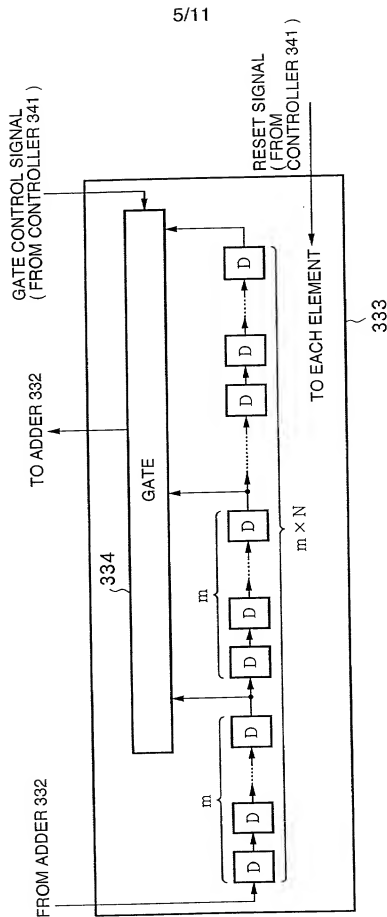


FIG. 6

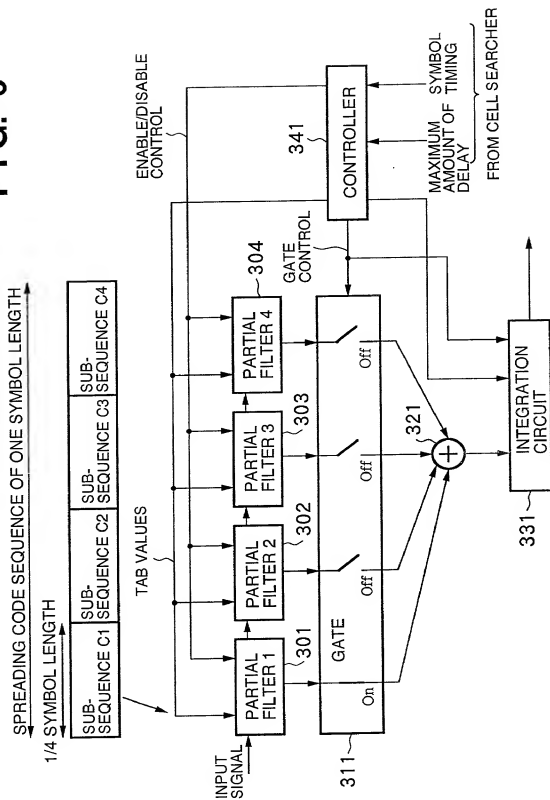


FIG. 7

$$\text{TS1: } \underbrace{(c_1d_1 + c_2d_2 + c_3d_3 + c_4d_4)}_A + \underbrace{(c_5d_5 + c_6d_6 + c_7d_7 + c_8d_8)}_B + \underbrace{(c_9d_9 + c_{10}d_{10} + c_{11}d_{11} + c_{12}d_{12})}_C + \underbrace{(c_{13}d_{13} + c_{14}d_{14} + c_{15}d_{15} + c_{16}d_{16})}_D$$

$$\text{TS2: } \underbrace{(c_1d_1 + c_2d_2 + c_3d_3 + c_4d_4)}_E + \underbrace{(c_5d_5 + c_6d_6 + c_7d_7 + c_8d_8)}_F + \underbrace{(c_9d_9 + c_{10}d_{10} + c_{11}d_{11} + c_{12}d_{12})}_G + \underbrace{(c_{13}d_{13} + c_{14}d_{14} + c_{15}d_{15} + c_{16}d_{16})}_H$$

$$\text{TS3: } \underbrace{(c_1d_1 + c_2d_2 + c_3d_3 + c_4d_4)}_I + \underbrace{(c_5d_5 + c_6d_6 + c_7d_7 + c_8d_8)}_J + \underbrace{(c_9d_9 + c_{10}d_{10} + c_{11}d_{11} + c_{12}d_{12})}_K + \underbrace{(c_{13}d_{13} + c_{14}d_{14} + c_{15}d_{15} + c_{16}d_{16})}_L$$

$$\text{TS4: } \underbrace{(c_1d_1 + c_2d_2 + c_3d_3 + c_4d_4)}_M + \underbrace{(c_5d_5 + c_6d_6 + c_7d_7 + c_8d_8)}_N + \underbrace{(c_9d_9 + c_{10}d_{10} + c_{11}d_{11} + c_{12}d_{12})}_O + \underbrace{(c_{13}d_{13} + c_{14}d_{14} + c_{15}d_{15} + c_{16}d_{16})}_P$$

$$\text{TS16: } c_1d_1 + c_2d_2 + c_3d_3 + c_4d_4 + c_5d_5 + c_6d_6 + c_7d_7 + c_8d_8 + c_9d_9 + c_{10}d_{10} + c_{11}d_{11} + c_{12}d_{12} + c_{13}d_{13} + c_{14}d_{14} + c_{15}d_{15} + c_{16}d_{16}$$

FIG. 8A

$$C1=(c_{1,1}, c_{1,2}, c_{1,3}, c_{1,4})=(c_1, c_2, c_3, c_4)$$

$$C2=(c_{2,1}, c_{2,2}, c_{2,3}, c_{2,4})=(c_5, c_6, c_7, c_8)$$

$$C3=(c_{3,1}, c_{3,2}, c_{3,3}, c_{3,4})=(c_9, c_{10}, c_{11}, c_{12})$$

$$C4=(c_{4,1}, c_{4,2}, c_{4,3}, c_{4,4})=(c_{13}, c_{14}, c_{15}, c_{16})$$

FIG. 8B

$$Ts1: c_1d_1+c_2d_2+c_3d_3+c_4d_4 =A$$

$$Ts2: c_1d_2+c_2d_3+c_3d_4+c_4d_5 =E$$

$$Ts3: c_1d_3+c_2d_4+c_3d_5+c_4d_6 =I$$

$$Ts4: c_1d_4+c_2d_5+c_3d_6+c_4d_7 =M$$

$$Ts5: c_5d_5+c_6d_6+c_7d_7+c_8d_8 =B$$

$$Ts6: c_5d_6+c_6d_7+c_7d_8+c_8d_9 =F$$

$$Ts7: c_5d_7+c_6d_8+c_7d_9+c_8d_{10} =J$$

$$Ts8: c_5d_8+c_6d_9+c_7d_{10}+c_8d_{11} =N$$

$$Ts9: c_9d_9+c_{10}d_{10}+c_{11}d_{11}+c_{12}d_{12} =C$$

$$Ts10: c_9d_{10}+c_{10}d_{11}+c_{11}d_{12}+c_{12}d_{13} =G$$

$$Ts11: c_9d_{11}+c_{10}d_{12}+c_{11}d_{13}+c_{12}d_{14} =K$$

$$Ts12: c_9d_{12}+c_{10}d_{13}+c_{11}d_{14}+c_{12}d_{15} =O$$

$$Ts13: c_{13}d_{13}+c_{14}d_{14}+c_{15}d_{15}+c_{16}d_{16} =D$$

$$Ts14: c_{13}d_{14}+c_{14}d_{15}+c_{15}d_{16}+c_{16}d_{17} =H$$

$$Ts15: c_{13}d_{15}+c_{14}d_{16}+c_{15}d_{17}+c_{16}d_{18} =L$$

$$Ts16: c_{13}d_{16}+c_{14}d_{17}+c_{15}d_{18}+c_{16}d_{19} =P$$

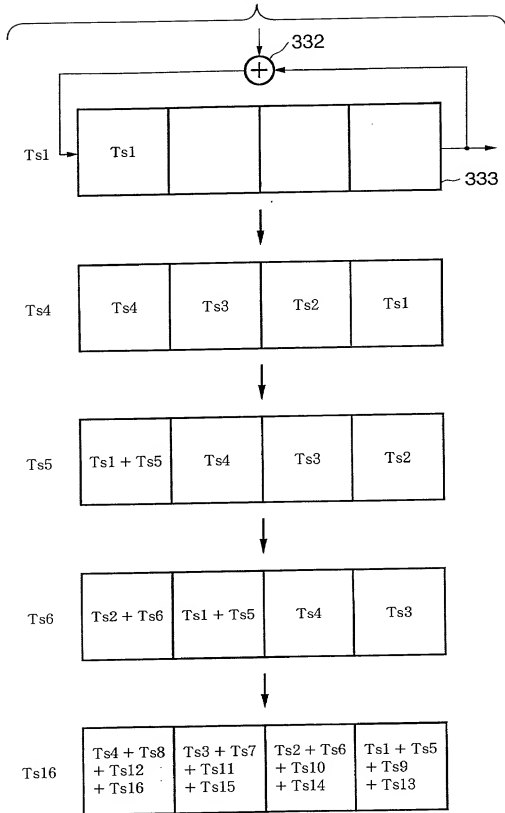
FIG. 9

FIG. 10

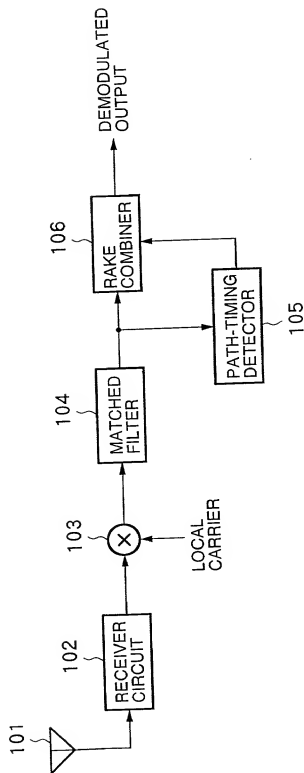


FIG. 11

